Release and Recovery Data for Tagged Fraser River White Sturgeon, *(Acipenser transmontanus)*, in 1985

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RELEASE AND RECOVERY DATA FOR TAGGED FRASER RIVER WHITE STURGEON, Acipenser transmontanus, IN 1985

by

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ABSTRACT

McDonald, T. E., V. J. Swiatkiewicz, E. D. Lane, F. Dalziel, and L. Margolis. 1987. Release and recovery data for tagged Fraser River white sturgeon, Acipenser transmontanus, in 1985. Can. Data Rep. Fish. Aquat. Sci. 639: 27 p.

This report provides length, weight, and release data on 712 white sturgeon, Acipenser transmontanus Richardson, caught and tagged at several localities in the lower Fraser River from May to September, 1985. Data for 13 fish recovered in 1985 are also included.

RESUME

McDonald, T. E., V. J. Swiatkiewicz, E. D. Lane, F. Dalziel, and L. Margolis. 1987. Release and recovery data for tagged Fraser River white sturgeon, Acipenser transmontanus, in 1985. Can. Data Rep. Fish. Aquat. Sci. 639: 27 p.

On présente des données sur la longueur, le poids et le lâcher de 712 esturgeons blancs (Acipenser transmontanus Richardson) capturés et étiquetés, de mai à septembre 1985, à plusieurs endroits de la partie inférieure du fleuve Fraser. Sont aussi incluses des données sur treize poissons récupérés en 1985.

INTRODUCTION

In recent years, there has been considerable interest in biological studies on white sturgeon, Acipenser transmontanus Richardson, 1836, stocks in the Fraser River because little is known about their growth rate, age, distribution, migration patterns, abundance, and other aspects of their biology, even though these stocks sustain an incidental commercial fishery, as well as native and sports fisheries. The development of an effective management strategy for the maintenance of these stocks requires knowledge of their short- and long-term movements. Semakula (1963) and Semakula and Larkin (1968) discussed the age, growth, and yield of white sturgeon stocks from the lower Fraser River based on specimens recovered incidentally in a salmon gillnet fishery in this area. Dixon (1986) discussed the age, growth, and migration of white sturgeon stocks in the upper Fraser River. Lane (1985) provided a bibliography dealing with literature reports on this species published to December 31, 1984, and Margolis and McDonald (1986) recorded the parasites recovered from immature white sturgeon caught in Nicomen Slough of the lower Fraser River in 1982.

Because of their long life span and late age at maturity, white sturgeon may move extensively as juveniles or adults or both. More than 700 white sturgeon from several localities in the lower Fraser River were captured and tagged during May to September, 1985 to study their migration patterns, abundance, and rate of growth. This report summarizes, by month and locality, the number of sturgeon caught and tagged (Table 1), the length and weight of each tagged sturgeon by date and locality of capture and release (Table 2), and the recapture date and locality for all tagged sturgeon recovered in 1985 (Table 3).

METHODS

As the representative for the Province of British Columbia, Mr. V. J. Swiatkiewicz coordinated the tagging of sturgeon at 8 sites on the lower Fraser River: 1. Hatzic; 2. Albion; 3. McDonalds Landing; 4. Bowmans Booming Area; 5. Big Eddy; 6. Duncan Bar; 7. Sports Fishery Zone 2; and 8. Sports Fishery Zone 4. Sturgeon from these areas were tagged with Petersen disc tags of various color combinations: 1. Hatzic - blue/white or white/white; 2. Albion - red/white, yellow/yellow, or yellow/white; 3. McDonalds Landing - white/white; 4. Bowmans Booming Area - white/white or green/white; 5. Big Eddy - green/white; 6. Duncan Bar - yellow/white; 7. Sports Fishery Zone 2 - red/white; and 8. Sports Fishery Zone 4 - red/white. In these combinations the first disc is blank and the second bears the tag number. A total of 418 sturgeon was tagged in this manner, each tag containing information as illustrated in Figure 1. None of these tagged sturgeon was injected with oxytetracycline (O.T.C.).

Dr. E. D. Lane, Mr. T. E. McDonald and Mr. F. Dalziel coordinated the capture and tagging of 294 sturgeon at Nicomen Slough near Dewdney, B.C. Sturgeon were captured at this site using two 300 ft (91.5 m) long gill nets containing panels of monofilament net ranging in stretched mesh size from 1 inch (2.5 cm) to 6 inches (15.2 cm) and one 100-ft (30.5 m) nylon net with stretched mesh size 14 inches (35.6 cm). Fish were tagged, usually under the fifth dorsal scute counting posteriad from the head, with a modified tag originally developed for use with spiny dogfish (McFarlane and Beamish 1986), color coded yellow/yellow and bearing information as illustrated in Figure 2. Fish too large to tag in this manner had the tag inserted under the dorsal fin.

All sturgeon caught and tagged at Nicomen Slough were injected with oxytetracycline, usually at a level of 0.25 cc of commercial oxytetracycline preparation (containing 250 milligrams of O.T.C. per ml of solution) per kilogram of fish, to enable study and verification of sturgeon age and growth rates upon subsequent recapture. Sturgeon caught June 25 and 26, 1985 were inadvertently injected at a much higher (about 10X) drug level, whereas those collected on 13 August, 1985 (tag nos. 41685 to 41707) were injected with 2.5 cc of a 1:10 saline dilution of the commercial oxytetracycline preparation per kilogram of fish. An additional 58 sturgeon captured at Nicomen Slough and judged to be too small (23.0 to 30.0 cm total length) to tag by this method were released without tagging.

Tagging sites are shown in Figure 3.

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Table 1. Summary of sturgeon tagging in the lower Fraser River in 1985, by month and locality.

Month	Locality	No. of fish tagged	Tag numbers
May	Hatzic	17	500-516
	Albion	26	601; 900-908; 910-925
June	Hatzic	83	518-548; 550-569; 571-578; 580-599; 796-799
	Zone 2	1	604
	Zone 4	4	600; 602-603; 605
	McDonalds Landing	14	700-713
	Nicomen Slough	106	41500-41605
July	Zone 2	1	615
	Zone 4	7	607-610; 612-613; 616
	Bowman Booming Area	87	714-723; 734-736; 738-742; 754-765; 767-773; 2003-2018; 2020-2033; 2035-2053; 2099
	Mcdonalds Landing	9	725-733
	Hatzic	4	750-753
	Big Eddy	3	2000-2002
	Nicomen Slough	79	41606-41684
Aug.	McDonalds Landing	22	743-747; 850-866
	Bowman Booming Area	7	774-780
	Nicomen Slough	108	41685-41789
Sept.	Duncan Bar	133	001-133
	Nicomen Slough	1	41790
Nov.	Nicomen Slough	0	
	Total	712	

Table 2. List by tag number of white sturgeon tagged and released in the lower Fraser River in 1985 and date recovered in 1985.

Tag no.	Tag color	Capture date	Capture locality	Fork length in cm	Weight in kg	Recapture date
001	Y/W	23 Sept.	Duncan Bar	26.7	-	
002	Y/W	23 Sept.	Duncan Bar	41.9	-	
003	Y/W	23 Sept.	Duncan Bar	45.7	-	
004	Y/W	23 Sept.	Duncan Bar	50.8	-	
005	Y/W	23 Sept.	Duncan Bar	41.9	-	
006	Y/W	23 Sept.	Duncan Bar	50.8	-	
007	Y/W	23 Sept.	Duncan Bar	34.3	-	
008	Y/W	23 Sept.	Duncan Bar	34.3	-	
009	Y/W	23 Sept.	Duncan Bar	8.9	-	
010	Y/W	23 Sept.	Duncan Bar	24.1	-	
011	Y/W	23 Sept.	Duncan Bar	50.8	-	
012	Y/W	23 Sept.	Duncan Bar	50.8	-	
013	Y/W	23 Sept.	Duncan Bar	53.3	-	
014	Y/W	23 Sept.	Duncan Bar	44.5	-	
015	Y/W	23 Sept.	Duncan Bar	30.5	-	26 Sept.
016	Y/W	23 Sept.	Duncan Bar	39.4	-	
017	Y/W	23 Sept.	Duncan Bar	27.9	-	
018	Y/W	23 Sept.	Duncan Bar	22.9	-	
019	Y/W	23 Sept.	Duncan Bar	53.3	-	
020	Y/W	23 Sept.	Duncan Bar	50.8	-	
021	Y/W	23 Sept.	Duncan Bar	48.3	-	
022	Y/W	23 Sept.	Duncan Bar	40.6	-	
023	Y/W	23 Sept.	Duncan Bar	47.0	-	
024	Y/W	23 Sept.	Duncan Bar	19.1	-	
025	Y/W	24 Sept.	Duncan Bar	22.7	-	
026	Y/W	24 Sept.	Duncan Bar	31.8	-	
027	Y/W	24 Sept.	Duncan Bar	21.6	-	
028	Y/W	24 Sept.	Duncan Bar	22.7	-	
029	Y/W	24 Sept.	Duncan Bar	19.1	-	
030	Y/W	24 Sept.	Duncan Bar	15.2	-	
031	Y/W	24 Sept.	Duncan Bar	19.1	-	
032	Y/W	24 Sept.	Duncan Bar	15.2	-	
033	Y/W	24 Sept.	Duncan Bar	24.1	-	
034	Y/W	24 Sept.	Duncan Bar	63.5	-	
035	Y/W	24 Sept.	Duncan Bar	52.1	-	
036	Y/W	24 Sept.	Duncan Bar	38.1	-	
037	Y/W	24 Sept.	Duncan Bar	45.7	-	
038	Y/W	24 Sept.	Duncan Bar	43.2	-	
039	Y/W	24 Sept.	Duncan Bar	31.8	-	
040	Y/W	24 Sept.	Duncan Bar	21.6	-	

Y=yellow
W=white

Table 2 (cont'd)

Tag no.	Tag color	Capture date	Capture locality	Fork length in cm	Weight in kg	Recapture date
041	Y/W	24 Sept.	Duncan Bar	41.9	-	
042	Y/W	24 Sept.	Duncan Bar	10.2	-	
043	Y/W	24 Sept.	Duncan Bar	58.4	-	
044	Y/W	24 Sept.	Duncan Bar	25.4	-	
045	Y/W	24 Sept.	Duncan Bar	43.2	-	
046	Y/W	24 Sept.	Duncan Bar	49.5	-	
047	Y/W	24 Sept.	Duncan Bar	81.3	-	
048	Y/W	24 Sept.	Duncan Bar	36.8	-	
049	Y/W	24 Sept.	Duncan Bar	53.3	-	
050	Y/W	24 Sept.	Duncan Bar	55.9	-	
051	Y/W	24 Sept.	Duncan Bar	21.6	-	
052	Y/W	24 Sept.	Duncan Bar	52.1	-	
053	Y/W	24 Sept.	Duncan Bar	45.7	-	
054	Y/W	24 Sept.	Duncan Bar	35.6	-	
055	Y/W	24 Sept.	Duncan Bar	44.5	-	
056	Y/W	24 Sept.	Duncan Bar	35.6	-	
057	Y/W	24 Sept.	Duncan Bar	43.2	-	
058	Y/W	24 Sept.	Duncan Bar	31.8	-	
059	Y/W	24 Sept.	Duncan Bar	27.9	-	
060	Y/W	24 Sept.	Duncan Bar	40.6	-	
061	Y/W	24 Sept.	Duncan Bar	33.0	-	
062	Y/W	24 Sept.	Duncan Bar	50.8	-	
063	Y/W	24 Sept.	Duncan Bar	59.7	-	
064	Y/W	24 Sept.	Duncan Bar	54.6	-	
065	Y/W	24 Sept.	Duncan Bar	50.8	-	
066	Y/W	24 Sept.	Duncan Bar	50.8	-	
067	Y/W	24 Sept.	Duncan Bar	35.6	-	
068	Y/W	24 Sept.	Duncan Bar	41.9	-	
069	Y/W	24 Sept.	Duncan Bar	34.3	-	
070	Y/W	24 Sept.	Duncan Bar	34.3	-	
071	Y/W	24 Sept.	Duncan Bar	29.2	-	
072	Y/W	24 Sept.	Duncan Bar	43.2	-	
073	Y/W	24 Sept.	Duncan Bar	57.2	-	
074	Y/W	24 Sept.	Duncan Bar	59.7	-	
075	Y/W	24 Sept.	Duncan Bar	49.5	-	
076	Y/W	24 Sept.	Duncan Bar	39.4	-	
077	Y/W	24 Sept.	Duncan Bar	34.3	-	
078	Y/W	24 Sept.	Duncan Bar	27.9	-	
079	Y/W	24 Sept.	Duncan Bar	30.5	-	
080	Y/W	24 Sept.	Duncan Bar	29.2	-	
081	Y/W	24 Sept.	Duncan Bar	26.7	-	
082	Y/W	24 Sept.	Duncan Bar	24.1	-	

Y=yellow
W=white

Table 2 (cont'd)

Tag no.	Tag color	Capture date	Capture locality	Fork length in cm	Weight in kg	Recapture date
083	Y/W	24 Sept.	Duncan Bar	19.1	-	
084	Y/W	24 Sept.	Duncan Bar	20.3	-	
085	Y/W	25 Sept.	Duncan Bar	49.5	-	
086	Y/W	25 Sept.	Duncan Bar	39.4	-	
087	Y/W	25 Sept.	Duncan Bar	41.9	-	
088	Y/W	25 Sept.	Duncan Bar	29.2	-	
089	Y/W	25 Sept.	Duncan Bar	20.3	-	
090	Y/W	25 Sept.	Duncan Bar	44.5	-	
091	Y/W	25 Sept.	Duncan Bar	45.7	-	
092	Y/W	25 Sept.	Duncan Bar	43.2	-	
093	Y/W	25 Sept.	Duncan Bar	41.9	-	
094	Y/W	25 Sept.	Duncan Bar	49.5	-	
095	Y/W	25 Sept.	Duncan Bar	36.8	-	
096	Y/W	25 Sept.	Duncan Bar	45.7	-	
097	Y/W	25 Sept.	Duncan Bar	30.5	-	
098	Y/W	25 Sept.	Duncan Bar	26.7	-	
099	Y/W	25 Sept.	Duncan Bar	45.7	-	
100	Y/W	25 Sept.	Duncan Bar	25.4	-	
101	Y/W	25 Sept.	Duncan Bar	76.2	-	
102	Y/W	25 Sept.	Duncan Bar	34.3	-	
103	Y/W	25 Sept.	Duncan Bar	33.0	-	
104	Y/W	25 Sept.	Duncan Bar	24.1	-	
105	Y/W	25 Sept.	Duncan Bar	26.7	-	
106	Y/W	25 Sept.	Duncan Bar	26.7	-	
107	Y/W	25 Sept.	Duncan Bar	15.2	-	
108	Y/W	25 Sept.	Duncan Bar	16.5	-	
109	Y/W	25 Sept.	Duncan Bar	19.1	-	
110	Y/W	26 Sept.	Duncan Bar	49.5	-	
111	Y/W	26 Sept.	Duncan Bar	41.9	-	
112	Y/W	26 Sept.	Duncan Bar	35.6	-	
113	Y/W	26 Sept.	Duncan Bar	40.6	-	
114	Y/W	26 Sept.	Duncan Bar	35.6	-	
115	Y/W	26 Sept.	Duncan Bar	27.9	-	
116	Y/W	26 Sept.	Duncan Bar	40.6	-	
117	Y/W	26 Sept.	Duncan Bar	26.7	-	
118	Y/W	26 Sept.	Duncan Bar	30.5	-	
119	Y/W	26 Sept.	Duncan Bar	31.8	-	
120	Y/W	26 Sept.	Duncan Bar	17.8	-	
121	Y/W	26 Sept.	Duncan Bar	17.8	-	
122	Y/W	26 Sept.	Duncan Bar	52.1	-	
123	Y/W	26 Sept.	Duncan Bar	38.1	-	
124	Y/W	26 Sept.	Duncan Bar	36.8	-	
125	Y/W	26 Sept.	Duncan Bar	24.1	-	

Y=yellow
W=white

Table 2 (cont'd)

Tag no.	Tag color	Capture date	Capture locality	Fork length in cm	Weight in kg	Recapture date
126	Y/W	26 Sept.	Duncan Bar	20.3	-	
127	Y/W	26 Sept.	Duncan Bar	22.7	-	
128	Y/W	26 Sept.	Duncan Bar	21.6	-	
129	Y/W	26 Sept.	Duncan Bar	38.1	-	
130	Y/W	26 Sept.	Duncan Bar	41.9	-	
131	Y/W	26 Sept.	Duncan Bar	35.6	-	
132	Y/W	26 Sept.	Duncan Bar	35.6	-	
133	Y/W	26 Sept.	Duncan Bar	20.3	-	
500	B/W	28 May	Hatzic	79.0	-	
501	B/W	28 May	Hatzic	84.0	-	
502	B/W	28 May	Hatzic	64.0	-	
503	B/W	28 May	Hatzic	65.0	-	
504	B/W	28 May	Hatzic	71.0	-	
505	B/W	28 May	Hatzic	80.0	-	
506	B/W	28 May	Hatzic	74.0	-	
507	B/W	30 May	Hatzic	31.8	-	
508	B/W	30 May	Hatzic	29.2	-	
509	B/W	30 May	Hatzic	26.7	-	
510	B/W	30 May	Hatzic	34.3	-	
511	B/W	30 May	Hatzic	26.7	-	
512	B/W	30 May	Hatzic	26.7	-	
513	B/W	30 May	Hatzic	21.6	-	
514	B/W	30 May	Hatzic	39.4	-	
515	B/W	30 May	Hatzic	35.6	-	
516	B/W	30 May	Hatzic	34.3	-	
517		NOT USED				
518	B/W	4 June	Hatzic	29.2	-	
519	B/W	4 June	Hatzic	27.9	-	
520	B/W	4 June	Hatzic	43.2	-	
521	B/W	5 June	Hatzic	67.3	-	
522	B/W	5 June	Hatzic	49.5	-	
523	B/W	5 June	Hatzic	44.5	-	
524	B/W	5 June	Hatzic	50.8	-	
525	B/W	5 June	Hatzic	36.8	-	
526	B/W	5 June	Hatzic	67.3	-	
527	B/W	5 June	Hatzic	34.3	-	
528	B/W	5 June	Hatzic	45.7	-	
529	B/W	5 June	Hatzic	47.0	-	
530	B/W	11 June	Hatzic	21.0	-	

Y=yellow
W=white
B=blue

Table 2 (cont'd)

Tag no.	Tag color	Capture date	Capture locality	Fork length in cm	Weight in kg	Recapture date
531	B/W	11 June	Hatzic	66.0	-	
532	B/W	11 June	Hatzic	33.0	-	
533	B/W	11 June	Hatzic	38.1	-	
534	B/W	11 June	Hatzic	71.1	-	
535	B/W	11 June	Hatzic	40.6	-	
536	B/W	11 June	Hatzic	36.8	-	
537	B/W	11 June	Hatzic	48.3	-	
538	B/W	11 June	Hatzic	39.4	-	
539	B/W	11 June	Hatzic	41.9	-	
540	B/W	11 June	Hatzic	35.6	-	
541	B/W	11 June	Hatzic	31.8	-	
542	B/W	11 June	Hatzic	49.5	-	
543	B/W	11 June	Hatzic	21.6	-	
544	B/W	11 June	Hatzic	45.7	-	
545	B/W	11 June	Hatzic	48.3	-	
546	B/W	11 June	Hatzic	92.7	-	
547	B/W	11 June	Hatzic	83.8	-	
548	B/W	11 June	Hatzic	85.1	-	
549		NOT USED				
550	B/W	11 June	Hatzic	88.9	-	
551	B/W	11 June	Hatzic	82.6	-	
552	B/W	11 June	Hatzic	83.8	-	
553	B/W	11 June	Hatzic	95.3	-	
554	B/W	11 June	Hatzic	36.8	-	
555	B/W	11 June	Hatzic	45.7	-	
556	B/W	11 June	Hatzic	71.1	-	
557	B/W	11 June	Hatzic	35.6	-	
558	B/W	11 June	Hatzic	48.3	-	
559	B/W	11 June	Hatzic	83.8	-	
560	B/W	11 June	Hatzic	39.4	-	
561	B/W	11 June	Hatzic	88.9	-	
562	B/W	11 June	Hatzic	86.4	-	
563	B/W	11 June	Hatzic	83.8	-	
564	B/W	13 June	Hatzic	52.1	-	
565	B/W	13 June	Hatzic	66.0	-	
566	B/W	13 June	Hatzic	45.7	-	
567	B/W	13 June	Hatzic	27.9	-	
568	B/W	13 June	Hatzic	40.6	-	
569	B/W	13 June	Hatzic	38.1	-	
571	B/W	13 June	Hatzic	29.2	-	
572	B/W	13 June	Hatzic	43.2	-	
573	B/W	13 June	Hatzic	34.3	-	
574	B/W	13 June	Hatzic	39.4	-	

B=blue
W=white

Table 2 (cont'd)

Tag no.	Tag color	Capture date	Capture locality	Fork length in cm	Weight in kg	Recapture date
575	B/W	13 June	Hatzic	31.8	-	
576	B/W	13 June	Hatzic	29.2	-	
577	B/W	13 June	Hatzic	25.4	-	
578	B/W	13 June	Hatzic	33.0	-	
579		NOT USED				
580	B/W	13 June	Hatzic	45.7	-	
581	B/W	13 June	Hatzic	68.6	-	
582	B/W	13 June	Hatzic	38.1	-	
583	B/W	13 June	Hatzic	36.8	-	
584	B/W	13 June	Hatzic	36.8	-	
585	B/W	13 June	Hatzic	54.6	-	
586	B/W	13 June	Hatzic	36.8	-	
587	B/W	13 June	Hatzic	50.8	-	
588	B/W	13 June	Hatzic	43.2	-	
589	B/W	13 June	Hatzic	80.0	-	
590	B/W	13 June	Hatzic	105.4	-	
591	B/W	13 June	Hatzic	80.0	-	
592	B/W	13 June	Hatzic	80.0	-	
593	B/W	13 June	Hatzic	78.7	-	
594	B/W	13 June	Hatzic	44.5	-	
595	B/W	13 June	Hatzic	35.6	-	
596	B/W	13 June	Hatzic	50.8	-	
597	B/W	13 June	Hatzic	52.1	-	
598	B/W	13 June	Hatzic	41.9	-	
599	B/W	13 June	Hatzic	43.2	-	
600	R/W	21 June	Zone 4	76.2	-	
601	R/W	20 May	Albion	70.0	3.2	
602	R/W	21 June	Zone 4	262.9	-	
603	R/W	28 June	Zone 4	95.3	-	
604	R/W	27 June	Zone 2	97.8	-	
605	R/W	27 June	Zone 4	76.2	-	
606		NOT USED				
607	R/W	4 July	Zone 4	36.8	-	
608	R/W	9 July	Zone 4	53.3	-	
609	R/W	13 July	Zone 4	100.3	-	
610	R/W	15 July	Zone 4	72.4	-	
612	R/W	15 July	Zone 4	100.3	-	
613	R/W	23 July	Zone 4	50.8	-	
615	R/W	27 July	Zone 2	66.0	-	
616	R/W	29 July	Zone 4	91.4	-	
700	W/W	9 June	McDonalds Landing	78.7	-	
701	W/W	9 June	McDonalds Landing	94.0	-	
702	W/W	9 June	McDonalds Landing	53.3	-	
703	W/W	9 June	McDonalds Landing	86.4	-	
704	W/W	9 June	McDonalds Landing	63.5	-	

B=blue
R=red
W=white

Table 2 (cont'd)

Tag no.	Tag color	Capture date	Capture locality	Fork length in cm	Weight in kg	Recapture date
705	W/W	9 June	McDonalds Landing	71.1	-	
706	W/W	9 June	McDonalds Landing	82.6	-	
707	W/W	9 June	McDonalds Landing	81.3	-	
708	W/W	9 June	McDonalds Landing	62.2	-	
709	W/W	9 June	McDonalds Landing	72.4	-	
710	W/W	23 June	McDonalds Landing	72.4	-	
711	W/W	16 June	McDonalds Landing	59.7	-	
712	W/W	16 June	McDonalds Landing	72.4	-	
713	W/W	23 June	McDonalds Landing	57.2	-	
714	W/W	18 July	Bowmans	71.1	-	
715	W/W	18 July	Bowmans	69.9	-	
716	W/W	18 July	Bowmans	64.8	-	
717	W/W	18 July	Bowmans	31.8	-	
718	W/W	18 July	Bowmans	25.4	-	
719	W/W	18 July	Bowmans	25.4	-	
720	W/W	18 July	Bowmans	35.6	-	
721	W/W	18 July	Bowmans	50.8	-	
722	W/W	18 July	Bowmans	50.8	-	
723	W/W	18 July	Bowmans	67.3	-	
724		NOT USED				
725	W/W	28 July	McDonalds Landing	83.8	-	
726	W/W	28 July	McDonalds Landing	63.5	-	
727	W/W	28 July	McDonalds Landing	61.0	-	
728	W/W	28 July	McDonalds Landing	81.3	-	
729	W/W	28 July	McDonalds Landing	59.7	-	
730	W/W	28 July	McDonalds Landing	62.2	-	
731	W/W	28 July	McDonalds Landing	59.7	-	
732	W/W	28 July	McDonalds Landing	124.5	-	
733	W/W	28 July	McDonalds Landing	39.4	-	
734	W/W	31 July	Bowmans	49.5	-	
735	W/W	31 July	Bowmans	33.0	-	
736	W/W	31 July	Bowmans	76.2	-	
737		NOT USED				
738	W/W	31 July	Bowmans	67.3	-	
739	W/W	31 July	Bowmans	69.9	-	
740	W/W	31 July	Bowmans	76.2	-	
741	W/W	31 July	Bowmans	73.7	-	
742	W/W	31 July	Bowmans	48.3	-	
743	W/W	4 Aug.	McDonalds Landing	68.6	-	
744	W/W	4 Aug.	McDonalds Landing	63.5	-	
745	W/W	4 Aug.	McDonalds Landing	63.5	-	
746	W/W	4 Aug.	McDonalds Landing	71.1	-	
747	W/W	4 Aug.	McDonalds Landing	92.7	-	

W=white

Table 2 (cont'd)

Tag no.	Tag color	Capture date	Capture locality	Fork length in cm	Weight in kg	Recapture date
750	B/W	2 July	Hatzic	68.6	-	
751	B/W	2 July	Hatzic	91.4	-	
752	B/W	2 July	Hatzic	67.3	-	
753	B/W	2 July	Hatzic	64.8	-	
754	G/W	23 July	Bowmans	76.2	-	
755	G/W	23 July	Bowmans	66.0	-	
756	G/W	23 July	Bowmans	63.5	-	
757	G/W	23 July	Bowmans	54.6	-	
758	G/W	23 July	Bowmans	57.2	-	
759	G/W	25 July	Bowmans	68.6	-	
760	G/W	25 July	Bowmans	33.0	-	
761	G/W	25 July	Bowmans	50.8	-	
762	G/W	25 July	Bowmans	48.3	-	
763	G/W	25 July	Bowmans	36.8	-	
764	G/W	25 July	Bowmans	61.0	-	
765	G/W	25 July	Bowmans	62.2	-	
766		NOT USED				
767	G/W	25 July	Bowmans	43.2	-	
768	G/W	25 July	Bowmans	47.0	-	
769	G/W	25 July	Bowmans	43.2	-	
770	G/W	25 July	Bowmans	61.0	-	
771	G/W	25 July	Bowmans	59.7	-	
772	G/W	25 July	Bowmans	39.4	-	
773	G/W	25 July	Bowmans	63.5	-	
774	G/W	1 Aug.	Bowmans	87.6	-	
775	G/W	1 Aug.	Bowmans	62.2	-	
776	G/W	1 Aug.	Bowmans	59.7	-	
777	G/W	1 Aug.	Bowmans	62.2	-	
778	G/W	1 Aug.	Bowmans	61.0	-	
779	G/W	1 Aug.	Bowmans	53.3	-	
780	G/W	1 Aug.	Bowmans	58.4	-	
791	W/W	17 June	Hatzic	34.3	-	
796	B/W	20 June	Hatzic	80.0	-	
797	W/W	17 June	Hatzic	48.3	-	
798	W/W	17 June	Hatzic	87.6	-	
799	W/W	17 June	Hatzic	43.2	-	

B=blue
G=green
W=white

Table 2 (cont'd)

Tag no.	Tag color	Capture date	Capture locality	Fork length in cm	Weight in kg	Recapture date
850	W/W	11 Aug.	McDonalds Landing	55.9	-	
851	W/W	11 Aug.	McDonalds Landing	72.4	-	
852	W/W	11 Aug.	McDonalds Landing	77.5	-	
853	W/W	11 Aug.	McDonalds Landing	62.2	-	
854	W/W	11 Aug.	McDonalds Landing	47.0	-	
855	W/W	11 Aug.	McDonalds Landing	55.9	-	
856	W/W	11 Aug.	McDonalds Landing	91.4	-	
857	W/W	11 Aug.	McDonalds Landing	81.3	-	
858	W/W	11 Aug.	McDonalds Landing	78.7	-	
859	W/W	11 Aug.	McDonalds Landing	55.9	-	
860	W/W	11 Aug.	McDonalds Landing	58.4	-	
861	W/W	11 Aug.	McDonalds Landing	96.5	-	
862	W/W	11 Aug.	McDonalds Landing	88.9	-	
863	W/W	11 Aug.	McDonalds Landing	81.3	-	
864	W/W	11 Aug.	McDonalds Landing	78.7	-	
865	W/W	11 Aug.	McDonalds Landing	67.3	-	
866	W/W	11 Aug.	McDonalds Landing	64.8	-	
911	Y/W	13 May	Albion	73.5	3.18	
912	Y/W	15 May	Albion	113.0	11.80	
913	Y/W	13 May	Albion	77.5	3.63	
914	Y/W	15 May	Albion	92.0	6.36	
915	Y/W	15 May	Albion	74.5	3.18	
916	Y/W	15 May	Albion	90.0	5.22	
917	Y/W	13 May	Albion	171.0	-	
918	Y/W	13 May	Albion	97.0	7.95	
919	Y/W	15 May	Albion	84.0	4.77	
920	Y/W	17 May	Albion	91.0	7.49	
921	Y/W	17 May	Albion	94.0	7.26	
922	Y/W	17 May	Albion	103.0	7.26	
923	Y/W	17 May	Albion	98.0	7.72	
924	Y/W	17 May	Albion	98.0	7.95	
925	Y/W	17 May	Albion	49.0	0.91	

W=white
Y=yellow

Table 2 (cont'd)

Tag no.	Tag color	Capture date	Capture locality	Fork length in cm	Weight in kg	Recapture date
2000	G/W	2 July	Big Eddy	22.7	-	
2001	G/W	2 July	Big Eddy	21.6	-	
2002	G/W	2 July	Big Eddy	36.8	-	
2003	G/W	10 July	Bowmans	88.9	-	
2004	G/W	10 July	Bowmans	77.5	-	
2005	G/W	10 July	Bowmans	44.5	-	
2006	G/W	10 July	Bowmans	63.5	-	
2007	G/W	10 July	Bowmans	38.1	-	
2008	G/W	10 July	Bowmans	27.9	-	
2009	G/W	10 July	Bowmans	63.5	-	
2010	G/W	10 July	Bowmans	64.8	-	
2011	G/W	10 July	Bowmans	34.3	-	
2012	G/W	10 July	Bowmans	41.9	-	
2013	G/W	10 July	Bowmans	44.5	-	
2014	G/W	10 July	Bowmans	54.6	-	
2015	G/W	10 July	Bowmans	58.4	-	
2016	G/W	10 July	Bowmans	64.8	-	
2017	G/W	10 July	Bowmans	40.6	-	
2018	G/W	10 July	Bowmans	71.1	-	

W=white
G=green

Table 2 (cont'd)

Tag no.	Tag color	Capture date	Capture locality	Fork length in cm	Weight in kg	Recapture date
2020	G/W	10 July	Bowmans	78.7	-	
2021	G/W	10 July	Bowmans	77.5	-	
2022	G/W	16 July	Bowmans	*91.4	-	
2023	G/W	16 July	Bowmans	*52.1	-	
2024	G/W	16 July	Bowmans	*52.1	-	
2025	G/W	16 July	Bowmans	*48.3	-	
2026	G/W	16 July	Bowmans	*38.1	-	
2027	G/W	16 July	Bowmans	*54.6	-	
2028	G/W	16 July	Bowmans	*66.0	-	
2029	G/W	16 July	Bowmans	*73.7	-	
2030	G/W	16 July	Bowmans	*57.2	-	
2031	G/W	16 July	Bowmans	*63.5	-	
2032	G/W	16 July	Bowmans	*106.7	-	
2033	G/W	16 July	Bowmans	*109.2	-	
2034		NOT USED				
2035	G/W	16 July	Bowmans	*48.3	-	
2036	G/W	16 July	Bowmans	*50.8	-	
2037	G/W	16 July	Bowmans	*48.3	-	
2038	G/W	18 July	Bowmans	61.0	-	
2039	G/W	16 July	Bowmans	*99.1	-	
2040	G/W	16 July	Bowmans	*59.7	-	
2041	G/W	18 July	Bowmans	62.2	-	
2042	G/W	18 July	Bowmans	38.1	-	
2043	G/W	18 July	Bowmans	49.5	-	
2044	G/W	18 July	Bowmans	35.6	-	
2045	G/W	18 July	Bowmans	78.7	-	
2046	G/W	18 July	Bowmans	47.0	-	
2047	G/W	18 July	Bowmans	54.6	-	
2048	G/W	18 July	Bowmans	81.3	-	
2049	G/W	18 July	Bowmans	52.1	-	
2050	G/W	18 July	Bowmans	74.9	-	
2051	G/W	18 July	Bowmans	72.4	-	
2052	G/W	18 July	Bowmans	68.6	-	
2053	G/W	18 July	Bowmans	97.8	-	
2099	G/W	18 July	Bowmans	53.3	-	

W=white
G=green

Table 2 (cont'd)

Tag no.	Tag color	Capture date	Capture locality	Total length in cm	Fork length in cm	Weight in kg	O.T.C. Injection in cc	Recapture date
41500	Y/Y	25 June	Nicomen Slough	101.6	87.6	5.40	5.0	
41501	Y/Y	25 June	Nicomen Slough	111.8	100.3	7.75	10.0	
41502	Y/Y	25 June	Nicomen Slough	62.5	54.0	1.20	2.4	
41503	Y/Y	25 June	Nicomen Slough	87.6	76.5	3.37	7.0	
41504	Y/Y	25 June	Nicomen Slough	64.5	55.5	1.35	3.0	
41505	Y/Y	25 June	Nicomen Slough	61.0	53.0	1.00	2.5	
41506	Y/Y	25 June	Nicomen Slough	52.5	45.5	0.75	2.0	
41507	Y/Y	25 June	Nicomen Slough	62.5	53.5	1.20	2.5	
41508	Y/Y	25 June	Nicomen Slough	49.3	42.5	0.58	1.2	
41509	Y/Y	25 June	Nicomen Slough	36.0	32.0	0.20	0.4	
41510	Y/Y	25 June	Nicomen Slough	27.0	24.3	0.05	0.1	
41511	Y/Y	25 June	Nicomen Slough	27.0	23.4	0.06	0.1	
41512	Y/Y	25 June	Nicomen Slough	78.3	67.0	2.10	5.0	
41513	Y/Y	25 June	Nicomen Slough	77.5	66.1	2.35	5.0	
41514	Y/Y	25 June	Nicomen Slough	62.0	55.0	1.05	2.5	
41515	Y/Y	25 June	Nicomen Slough	66.5	57.5	1.50	3.2	
41516	Y/Y	25 June	Nicomen Slough	54.5	48.0	0.80	2.0	
41517	Y/Y	25 June	Nicomen Slough	46.0	41.0	0.55	1.2	
41518	Y/Y	25 June	Nicomen Slough	43.0	37.4	0.26	0.4	19 Aug. '85
41519	Y/Y	25 June	Nicomen Slough	35.5	31.2	0.22	0.3	
41520	Y/Y	25 June	Nicomen Slough	36.7	32.5	0.24	0.3	
41521	Y/Y	25 June	Nicomen Slough	28.3	25.7	0.10	0.2	
41522	Y/Y	25 June	Nicomen Slough	31.6	28.1	0.14	0.25	
41523	Y/Y	25 June	Nicomen Slough	28.5	25.2	0.10	0.2	
41524	Y/Y	25 June	Nicomen Slough	73.0	62.7	2.00	5.0	
41525	Y/Y	25 June	Nicomen Slough	56.3	50.0	0.74	2.0	
41526	Y/Y	25 June	Nicomen Slough	48.2	41.9	0.60	1.5	
41527	Y/Y	25 June	Nicomen Slough	58.5	50.8	0.90	2.2	
41528	Y/Y	25 June	Nicomen Slough	55.0	48.2	0.80	2.0	18 July '85
41529	Y/Y	25 June	Nicomen Slough	68.0	58.7	1.50	3.5	
41530	Y/Y	25 June	Nicomen Slough	60.0	52.5	1.05	2.5	
41531	Y/Y	25 June	Nicomen Slough	48.5	41.7	0.50	1.3	
41532	Y/Y	25 June	Nicomen Slough	49.0	42.5	0.55	1.3	
41533	Y/Y	25 June	Nicomen Slough	56.6	50.0	0.80	2.0	
41534	Y/Y	25 June	Nicomen Slough	51.2	45.3	0.65	1.5	
41535	Y/Y	25 June	Nicomen Slough	44.0	38.1	0.40	1.0	
41536	Y/Y	25 June	Nicomen Slough	44.4	38.7	0.49	1.3	
41537	Y/Y	25 June	Nicomen Slough	49.5	44.0	0.65	1.5	
41538	Y/Y	25 June	Nicomen Slough	48.4	42.0	0.64	1.5	
41539	Y/Y	25 June	Nicomen Slough	41.5	36.3	0.35	0.8	13 Aug. '85
41540	Y/Y	25 June	Nicomen Slough	27.0	24.1	0.10	0.2	

Y=yellow

Table 2 (cont'd)

Tag no.	Tag color	Capture date	Capture locality	Total length in cm	Fork length in cm	Weight in kg	O.T.C. Injection in cc	Recapture date
41541	Y/Y	25 June	Nicomen Slough	47.6	41.1	0.50	1.2	
41542	Y/Y	25 June	Nicomen Slough	43.2	37.6	0.35	0.8	
41543	Y/Y	25 June	Nicomen Slough	46.5	40.0	0.45	1.0	
41544	Y/Y	25 June	Nicomen Slough	43.4	38.2	0.37	0.8	
41545	Y/Y	25 June	Nicomen Slough	42.0	37.7	0.41	0.8	
41546	Y/Y	25 June	Nicomen Slough	47.0	41.2	0.50	1.2	
41547	Y/Y	25 June	Nicomen Slough	41.2	36.0	0.31	0.8	
41548	Y/Y	25 June	Nicomen Slough	42.5	36.4	0.35	0.8	
41549	Y/Y	25 June	Nicomen Slough	42.2	36.2	0.30	0.8	
41550	Y/Y	25 June	Nicomen Slough	34.0	30.2	0.19	0.5	
41551	Y/Y	25 June	Nicomen Slough	33.5	29.3	0.19	0.5	19 July '85
41552	Y/Y	25 June	Nicomen Slough	29.0	24.7	0.10	0.2	
41553	Y/Y	25 June	Nicomen Slough	81.0	71.3	3.00	7.5	
41554	Y/Y	25 June	Nicomen Slough	69.1	60.5	1.45	3.2	
41555	Y/Y	25 June	Nicomen Slough	62.3	54.2	1.22	2.5	
41556	Y/Y	25 June	Nicomen Slough	58.7	51.7	0.75	1.8	
41557	Y/Y	25 June	Nicomen Slough	55.5	47.5	0.76	1.8	
41558	Y/Y	25 June	Nicomen Slough	59.5	52.7	1.05	2.5	
41559	Y/Y	25 June	Nicomen Slough	62.5	53.6	1.15	2.5	
41560	Y/Y	25 June	Nicomen Slough	55.0	47.5	0.60	1.4	
41561	Y/Y	25 June	Nicomen Slough	59.0	51.6	0.95	2.4	
41562	Y/Y	25 June	Nicomen Slough	38.3	33.0	0.25	0.6	
41563	Y/Y	25 June	Nicomen Slough	44.0	37.8	0.35	0.8	
41564	Y/Y	25 June	Nicomen Slough	35.0	29.9	0.15	0.2	
41565	Y/Y	25 June	Nicomen Slough	37.5	33.2	0.25	0.6	
41566	Y/Y	25 June	Nicomen Slough	48.5	42.6	0.50	1.2	26 Oct. '85
41567	Y/Y	25 June	Nicomen Slough	45.5	39.9	0.45	1.2	19 July '85
41568	Y/Y	25 June	Nicomen Slough	45.5	40.5	0.45	1.2	
41569	Y/Y	26 June	Nicomen Slough	75.2	65.5	2.35	6.5	
41570	Y/Y	26 June	Nicomen Slough	65.5	59.9	1.45	3.5	19 July '85
41571	Y/Y	26 June	Nicomen Slough	63.7	55.8	1.30	3.0	
41572	Y/Y	26 June	Nicomen Slough	49.5	43.5	0.64	1.5	
41573	Y/Y	26 June	Nicomen Slough	59.6	52.6	1.24	3.0	
41574	Y/Y	26 June	Nicomen Slough	59.0	50.5	1.00	2.5	
41575	Y/Y	26 June	Nicomen Slough	66.2	58.2	1.25	3.0	
41576	Y/Y	26 June	Nicomen Slough	50.1	45.0	0.68	1.5	21 July '85
41577	Y/Y	26 June	Nicomen Slough	50.3	43.5	0.55	1.3	
41578	Y/Y	26 June	Nicomen Slough	47.0	40.4	0.40	1.0	
41579	Y/Y	26 June	Nicomen Slough	51.5	44.5	0.63	1.3	
41580	Y/Y	26 June	Nicomen Slough	66.5	58.5	1.20	3.0	
41581	Y/Y	26 June	Nicomen Slough	48.3	42.6	0.55	2.8	
41582	Y/Y	26 June	Nicomen Slough	100.3	87.0	4.89	10.0	

Y=yellow

Table 2 (cont'd)

Tag no.	Tag color	Capture date	Capture locality	Total length in cm	Fork length in cm	Weight in kg	O.T.C. Injection in cc	Recapture date
41583	Y/Y	26 June	Nicomen Slough	54.0	47.4	0.79	1.8	
41584	Y/Y	26 June	Nicomen Slough	52.5	45.9	0.75	1.8	
41585	Y/Y	26 June	Nicomen Slough	52.0	45.0	0.60	1.4	
41586	Y/Y	26 June	Nicomen Slough	54.3	47.9	0.77	1.8	
41587	Y/Y	26 June	Nicomen Slough	51.5	45.7	0.75	1.8	
41588	Y/Y	26 June	Nicomen Slough	42.5	37.2	0.37	0.8	
41589	Y/Y	26 June	Nicomen Slough	36.9	32.8	0.25	0.6	
41590	Y/Y	26 June	Nicomen Slough	49.0	42.3	0.50	1.2	
41591	Y/Y	26 June	Nicomen Slough	39.0	33.8	0.30	0.8	
41592	Y/Y	26 June	Nicomen Slough	42.1	37.0	0.31	0.8	
41593	Y/Y	26 June	Nicomen Slough	33.0	28.6	0.16	0.4	
41594	Y/Y	26 June	Nicomen Slough	34.1	29.3	0.17	0.4	
41595	Y/Y	26 June	Nicomen Slough	32.3	28.4	0.12	0.3	
41596	Y/Y	26 June	Nicomen Slough	38.9	34.3	0.29	0.7	
41597	Y/Y	26 June	Nicomen Slough	39.9	34.8	0.25	0.6	
41598	Y/Y	26 June	Nicomen Slough	47.0	41.1	0.50	1.2	
41599	Y/Y	26 June	Nicomen Slough	41.1	35.9	0.30	0.8	
41600	Y/Y	26 June	Nicomen Slough	35.5	31.6	0.20	0.4	
41601	Y/Y	26 June	Nicomen Slough	33.7	30.0	0.16	0.3	
41602	Y/Y	26 June	Nicomen Slough	35.8	31.8	0.23	0.6	
41603	Y/Y	26 June	Nicomen Slough	30.0	26.3	0.10	0.2	
41604	Y/Y	26 June	Nicomen Slough	35.5	30.8	0.20	0.4	
41605	Y/Y	26 June	Nicomen Slough	35.2	31.2	0.23	0.4	
41606	Y/Y	18 July	Nicomen Slough	201.0	186.0	-	5.0	
41607	Y/Y	18 July	Nicomen Slough	63.0	55.0	1.05	0.25	
41608	Y/Y	18 July	Nicomen Slough	78.5	69.0	2.30	0.50	
41609[a]	Y/Y	18 July	Nicomen Slough	52.5	45.5	0.70	0.20	
41610	Y/Y	18 July	Nicomen Slough	67.5	59.6	1.35	0.30	
41611	Y/Y	18 July	Nicomen Slough	69.0	59.7	1.55	0.35	
41612	Y/Y	18 July	Nicomen Slough	65.2	57.5	1.50	0.35	
41613	Y/Y	18 July	Nicomen Slough	48.3	43.0	0.50	0.13	
41614	Y/Y	18 July	Nicomen Slough	66.8	59.5	1.45	0.35	
41615	Y/Y	18 July	Nicomen Slough	70.0	60.6	1.55	0.35	
41616	Y/Y	18 July	Nicomen Slough	73.0	63.0	1.70	0.40	
41617	Y/Y	18 July	Nicomen Slough	72.0	62.6	1.65	0.40	
41618	Y/Y	18 July	Nicomen Slough	65.8	58.0	1.45	0.35	
41619	Y/Y	18 July	Nicomen Slough	82.6	73.0	2.90	0.75	
41620	Y/Y	18 July	Nicomen Slough	65.2	56.2	1.25	0.30	
41621	Y/Y	18 July	Nicomen Slough	63.5	55.2	1.35	0.30	
41622	Y/Y	18 July	Nicomen Slough	47.7	41.3	0.50	0.13	
41623	Y/Y	18 July	Nicomen Slough	61.8	54.3	1.10	0.25	

Y=yellow
[a]Fish died when released; body not recovered.

Table 2 (cont'd)

Tag no.	Tag color	Capture date	Capture locality	Total length in cm	Fork length in cm	Weight in kg	O.T.C. Injection in cc	Recapture date
41624	Y/Y	18 July	Nicomen Slough	54.0	48.0	0.75	0.20	
41625	Y/Y	18 July	Nicomen Slough	56.0	48.8	0.75	0.20	
41626	Y/Y	18 July	Nicomen Slough	57.5	49.0	0.85	0.25	
41627	Y/Y	18 July	Nicomen Slough	51.2	44.0	0.65	0.15	
41628	Y/Y	18 July	Nicomen Slough	39.8	35.0	0.30	0.05	
41629	Y/Y	18 July	Nicomen Slough	51.3	45.0	0.50	0.15	
41630	Y/Y	18 July	Nicomen Slough	48.4	42.0	0.45	0.15	
41631	Y/Y	18 July	Nicomen Slough	39.3	34.0	0.25	0.05	
41632	Y/Y	18 July	Nicomen Slough	41.6	36.5	0.30	0.10	
41633	Y/Y	18 July	Nicomen Slough	35.0	31.0	0.15	0.05	
41634	Y/Y	18 July	Nicomen Slough	35.5	31.3	0.20	0.05	
41635	Y/Y	18 July	Nicomen Slough	32.0	28.0	0.15	0.05	
41636	Y/Y	18 July	Nicomen Slough	70.6	63.0	2.00	0.50	
41637	Y/Y	18 July	Nicomen Slough	50.9	44.5	0.65	0.15	
41638	Y/Y	18 July	Nicomen Slough	53.3	47.5	0.75	0.20	
41639	Y/Y	18 July	Nicomen Slough	57.5	50.0	0.90	0.25	
41640	Y/Y	18 July	Nicomen Slough	53.3	47.0	0.75	0.20	
41641	Y/Y	18 July	Nicomen Slough	73.0	64.0	1.90	0.50	
41642	Y/Y	18 July	Nicomen Slough	64.8	56.5	1.20	0.30	
41643	Y/Y	18 July	Nicomen Slough	41.5	35.8	0.30	0.10	
41644	Y/Y	18 July	Nicomen Slough	58.0	51.5	0.95	0.25	
41645	Y/Y	18 July	Nicomen Slough	46.3	41.0	0.50	0.15	
41646	Y/Y	18 July	Nicomen Slough	51.8	46.0	0.75	0.20	
41647	Y/Y	18 July	Nicomen Slough	60.5	53.3	0.98	0.25	
41648	Y/Y	18 July	Nicomen Slough	36.5	32.0	0.20	0.05	
41649	Y/Y	18 July	Nicomen Slough	46.9	40.5	0.45	0.15	
41650	Y/Y	18 July	Nicomen Slough	59.8	51.5	0.85	0.20	
41651	Y/Y	18 July	Nicomen Slough	39.0	34.0	0.30	0.10	
41652	Y/Y	18 July	Nicomen Slough	34.7	30.0	0.20	0.05	
41653	Y/Y	18 July	Nicomen Slough	36.6	33.0	0.22	0.05	
41654	Y/Y	18 July	Nicomen Slough	39.0	33.5	0.35	0.10	
41655	Y/Y	18 July	Nicomen Slough	33.4	29.5	0.20	0.05	
41656	Y/Y	19 July	Nicomen Slough	40.0	35.3	0.25	0.10	
41657	Y/Y	19 July	Nicomen Slough	38.0	33.5	0.25	0.10	
41658	Y/Y	19 July	Nicomen Slough	37.9	32.8	0.25	0.10	
41659	Y/Y	19 July	Nicomen Slough	50.2	44.0	0.59	0.15	
41660	Y/Y	19 July	Nicomen Slough	52.0	45.3	0.57	0.15	
41661	Y/Y	19 July	Nicomen Slough	50.0	44.0	0.55	0.15	
41662	Y/Y	19 July	Nicomen Slough	34.7	32.0	0.20	0.05	
41663	Y/Y	19 July	Nicomen Slough	52.4	47.3	0.38	0.15	
41664	Y/Y	19 July	Nicomen Slough	77.0	67.0	2.30	0.60	

Y=yellow

Table 2 (cont'd)

Tag no.	Tag color	Capture date	Capture locality	Total length in cm	Fork length in cm	Weight in kg	O.T.C. Injection in cc	Recapture date
41665	Y/Y	19 July	Nicomen Slough	59.5	50.8	0.90	0.25	
41666	Y/Y	19 July	Nicomen Slough	60.3	52.6	0.95	0.25	
41667	Y/Y	19 July	Nicomen Slough	59.5	51.5	0.90	0.25	
41668	Y/Y	19 July	Nicomen Slough	56.9	50.0	0.75	0.20	
41669	Y/Y	19 July	Nicomen Slough	40.5	36.0	0.26	0.10	
41670	Y/Y	19 July	Nicomen Slough	30.5	26.6	0.11	0.05	
41671	Y/Y	19 July	Nicomen Slough	49.0	43.0	0.50	0.15	
41672	Y/Y	19 July	Nicomen Slough	42.4	37.2	0.35	0.10	
41673	Y/Y	19 July	Nicomen Slough	47.6	42.0	0.50	0.15	
41674	Y/Y	19 July	Nicomen Slough	72.8	64.0	1.90	0.50	
41675	Y/Y	19 July	Nicomen Slough	50.5	44.0	0.47	0.15	
41676	Y/Y	19 July	Nicomen Slough	51.7	45.8	0.62	0.15	
41677	Y/Y	19 July	Nicomen Slough	48.5	42.3	0.60	0.15	
41678	Y/Y	19 July	Nicomen Slough	44.8	39.0	0.40	0.10	
41679	Y/Y	19 July	Nicomen Slough	33.6	29.0	0.15	0.05	
41680	Y/Y	19 July	Nicomen Slough	65.2	56.0	1.25	0.30	
41681	Y/Y	19 July	Nicomen Slough	48.0	41.5	0.45	0.15	
41682	Y/Y	19 July	Nicomen Slough	32.8	28.2	0.15	0.05	
41683	Y/Y	19 July	Nicomen Slough	48.5	42.2	0.55	0.15	
41684	Y/Y	19 July	Nicomen Slough	34.8	31.0	0.20	0.05	
41685	Y/Y	13 Aug.	Nicomen Slough	61.9	53.4	1.0	12.5	
41686	Y/Y	13 Aug.	Nicomen Slough	59.4	52.5	1.0	12.5	
41687	Y/Y	13 Aug.	Nicomen Slough	72.0	63.0	1.65	20.0	
41688	Y/Y	13 Aug.	Nicomen Slough	68.5	51.3	1.0	12.5	
41689	Y/Y	13 Aug.	Nicomen Slough	70.2	61.5	1.6	20.0	
41690	Y/Y	13 Aug.	Nicomen Slough	52.4	45.3	0.6	7.5	
41691	Y/Y	13 Aug.	Nicomen Slough	60.4	56.3	0.95	12.5	
41692	Y/Y	13 Aug.	Nicomen Slough	52.3	45.3	0.55	6.0	
41693	Y/Y	13 Aug.	Nicomen Slough	73.0	63.6	1.85	22.0	
41694	Y/Y	13 Aug.	Nicomen Slough	52.6	45.5	0.65	7.5	
41695	Y/Y	13 Aug.	Nicomen Slough	57.9	50.5	0.80	10.0	
41696	Y/Y	13 Aug.	Nicomen Slough	41.7	36.4	0.32	4.0	
41697	Y/Y	13 Aug.	Nicomen Slough	38.0	33.3	0.25	3.0	
41698	Y/Y	13 Aug.	Nicomen Slough	38.3	33.0	0.25	3.0	
41699	Y/Y	13 Aug.	Nicomen Slough	44.5	39.2	0.32	4.0	
41700	Y/Y	13 Aug.	Nicomen Slough	35.1	31.0	0.20	2.5	
41701	Y/Y	13 Aug.	Nicomen Slough	34.2	30.3	0.17	2.0	
41702	Y/Y	13 Aug.	Nicomen Slough	32.9	28.4	0.15	2.0	30 Aug. '85
41703	Y/Y	13 Aug.	Nicomen Slough	32.0	27.6	0.15	2.0	
41704	Y/Y	13 Aug.	Nicomen Slough	33.5	29.0	0.15	2.0	
41705	Y/Y	13 Aug.	Nicomen Slough	66.2	57.9	1.45	18.0	

Y=yellow

Table 2 (cont'd)

Tag no.	Tag color	Capture date	Capture locality	Total length in cm	Fork length in cm	Weight in kg	O.T.C. Injection in cc	Recapture date
41706	Y/Y	13 Aug.	Nicomen Slough	73.0	63.4	1.65	0.4	
41707	Y/Y	13 Aug.	Nicomen Slough	62.6	54.1	1.00	1.0	
41708	Y/Y	13 Aug.	Nicomen Slough	34.0	29.8	0.15	0.20	
41709	Y/Y	13 Aug.	Nicomen Slough	50.3	44.4	0.55	0.15	
41710	Y/Y	13 Aug.	Nicomen Slough	32.1	28.2	0.10	0.05	
41711	Y/Y	13 Aug.	Nicomen Slough	33.6	29.1	0.13	0.05	
41712	Y/Y	13 Aug.	Nicomen Slough	32.9	28.8	0.10	0.05	
41713	Y/Y	14 Aug.	Nicomen Slough	34.7	30.4	0.10	0.05	
41714	Y/Y	14 Aug.	Nicomen Slough	67.5	58.9	1.45	0.40	
41715	Y/Y	14 Aug.	Nicomen Slough	39.2	34.2	0.23	0.10	
41716	Y/Y	14 Aug.	Nicomen Slough	43.0	38.1	0.28	0.10	
41717	Y/Y	14 Aug.	Nicomen Slough	31.7	28.0	0.12	0.05	
41718	Y/Y	14 Aug.	Nicomen Slough	52.8	46.3	0.55	0.15	
41719	Y/Y	14 Aug.	Nicomen Slough	40.6	35.7	0.26	0.10	
41720	Y/Y	14 Aug.	Nicomen Slough	45.6	39.9	0.38	0.10	
41721	Y/Y	14 Aug.	Nicomen Slough	47.0	40.4	0.51	0.15	
41722	Y/Y	14 Aug.	Nicomen Slough	32.2	28.1	0.13	0.05	
41723	Y/Y	14 Aug.	Nicomen Slough	40.3	35.2	0.23	0.10	
41724	Y/Y	26 Aug.	Nicomen Slough	87.6	75.5	3.45	0.80	
41725	Y/Y	26 Aug.	Nicomen Slough	66.0	56.8	1.25	0.35	
41726	Y/Y	26 Aug.	Nicomen Slough	66.0	58.0	1.25	0.35	
41727	Y/Y	26 Aug.	Nicomen Slough	36.0	32.2	0.18	0.05	
41728	Y/Y	26 Aug.	Nicomen Slough	68.0	60.0	1.54	0.40	
41729	Y/Y	26 Aug.	Nicomen Slough	51.5	44.3	0.53	0.20	
41730	Y/Y	26 Aug.	Nicomen Slough	54.9	47.5	0.72	0.30	
41731	Y/Y	26 Aug.	Nicomen Slough	48.5	42.6	0.50	0.15	
41732	Y/Y	26 Aug.	Nicomen Slough	55.0	47.5	0.65	0.20	
41733	Y/Y	26 Aug.	Nicomen Slough	43.0	38.1	0.35	0.10	
41734	Y/Y	26 Aug.	Nicomen Slough	36.6	32.3	0.17	0.05	
41735	Y/Y	26 Aug.	Nicomen Slough	33.0	28.7	0.15	0.05	
41736	Y/Y	26 Aug.	Nicomen Slough	60.0	53.0	1.00	0.25	
41737	Y/Y	26 Aug.	Nicomen Slough	41.0	35.7	0.32	0.15	
41738	Y/Y	26 Aug.	Nicomen Slough	49.0	42.5	0.52	0.18	
41739	Y/Y	26 Aug.	Nicomen Slough	36.0	32.3	0.20	0.10	
41740	Y/Y	27 Aug.	Nicomen Slough	83.0	71.5	2.40	0.70	
41741	Y/Y	27 Aug.	Nicomen Slough	72.0	63.4	1.80	0.50	
41742	Y/Y	27 Aug.	Nicomen Slough	62.8	54.5	1.13	0.30	
41743	Y/Y	27 Aug.	Nicomen Slough	63.7	54.6	1.10	0.30	
41744	Y/Y	27 Aug.	Nicomen Slough	45.4	39.2	0.40	0.15	
41745	Y/Y	27 Aug.	Nicomen Slough	34.6	30.8	0.18	0.05	
41746	Y/Y	27 Aug.	Nicomen Slough	38.3	33.5	0.25	0.05	

Y=yellow

Table 2 (cont'd)

Tag no.	Tag color	Capture date	Capture locality	Total length in cm	Fork length in cm	Weight in kg	O.T.C. Injection in cc	Recapture date
41747	Y/Y	27 Aug.	Nicomen Slough	50.0	44.7	0.65	0.20	
41748	Y/Y	27 Aug.	Nicomen Slough	47.0	41.7	0.50	0.15	
41749	Y/Y	27 Aug.	Nicomen Slough	41.1	35.6	0.30	0.10	
41750	Y/Y	27 Aug.	Nicomen Slough	63.9	55.0	1.20	0.35	
41751	Y/Y	27 Aug.	Nicomen Slough	37.0	32.9	0.23	0.10	
41752	Y/Y	27 Aug.	Nicomen Slough	31.3	27.4	0.10	0.05	
41753	Y/Y	27 Aug.	Nicomen Slough	49.5	43.0	0.55	0.15	
41754	Y/Y	27 Aug.	Nicomen Slough	54.4	47.6	0.65	0.18	
41755	Y/Y	27 Aug.	Nicomen Slough	67.0	58.0	1.10	0.27	
41756	Y/Y	27 Aug.	Nicomen Slough	66.0	57.9	1.40	0.35	
41757	Y/Y	27 Aug.	Nicomen Slough	57.4	50.2	0.85	0.25	
41758	Y/Y	27 Aug.	Nicomen Slough	58.0	50.9	0.95	0.28	
41759	Y/Y	27 Aug.	Nicomen Slough	50.9	44.6	0.50	0.15	
41760	Y/Y	27 Aug.	Nicomen Slough	52.7	45.4	0.60	0.15	
41761	Y/Y	27 Aug.	Nicomen Slough	34.5	30.6	0.13	0.05	
41762	Y/Y	27 Aug.	Nicomen Slough	47.6	41.3	0.50	0.20	22 Sept. '85
41763	Y/Y	27 Aug.	Nicomen Slough	33.2	29.0	0.14	0.07	
41764	Y/Y	27 Aug.	Nicomen Slough	46.0	40.5	0.44	0.15	
41765	Y/Y	27 Aug.	Nicomen Slough	50.6	44.4	0.50	0.15	
41766	Y/Y	27 Aug.	Nicomen Slough	32.3	27.8	0.13	0.05	
41767	Y/Y	27 Aug.	Nicomen Slough	31.9	27.8	0.13	0.05	
41768	Y/Y	27 Aug.	Nicomen Slough	36.7	32.2	0.22	0.08	
41769	Y/Y	27 Aug.	Nicomen Slough	31.9	28.0	0.13	0.08	
41770	Y/Y	27 Aug.	Nicomen Slough	57.7	51.0	0.80	0.25	
41771	Y/Y	27 Aug.	Nicomen Slough	74.5	65.0	1.85	0.50	
41772	Y/Y	28 Aug.	Nicomen Slough	89.5	78.3	3.35	1.0	
41773	Y/Y	28 Aug.	Nicomen Slough	67.0	58.8	1.18	0.30	
41774	Y/Y	28 Aug.	Nicomen Slough	53.7	47.3	0.70	0.20	
41775	Y/Y	28 Aug.	Nicomen Slough	55.4	49.4	0.80	0.25	
41776	Y/Y	28 Aug.	Nicomen Slough	37.0	31.8	0.20	0.05	
41777	Y/Y	28 Aug.	Nicomen Slough	70.3	61.3	1.56	0.40	
41778	Y/Y	28 Aug.	Nicomen Slough	54.9	48.8	0.75	0.20	
41779	Y/Y	28 Aug.	Nicomen Slough	65.5	57.1	1.25	0.35	
41780	Y/Y	28 Aug.	Nicomen Slough	66.0	55.8	1.15	0.30	
41781	Y/Y	28 Aug.	Nicomen Slough	56.5	49.6	0.80	0.25	
41782	Y/Y	28 Aug.	Nicomen Slough	56.6	50.0	0.86	0.25	
41783	Y/Y	28 Aug.	Nicomen Slough	47.1	40.3	0.46	0.15	
41784	Y/Y	28 Aug.	Nicomen Slough	44.6	38.5	0.33	0.15	
41785	Y/Y	28 Aug.	Nicomen Slough	35.9	31.7	0.20	0.10	
41786	Y/Y	28 Aug.	Nicomen Slough	42.5	37.0	0.30	0.15	
41787	Y/Y	28 Aug.	Nicomen Slough	80.1	69.2	2.40	0.70	
41788	Y/Y	28 Aug.	Nicomen Slough	50.2	43.9	0.55	0.15	
41789	Y/Y	28 Aug.	Nicomen Slough	32.6	28.7	0.13	0.05	
41790	Y/Y	27 Sept.	Nicomen Slough	50.5	43.7	0.47	0.15	

Y=yellow

Table 2 (cont'd)

Tag no.	Tag color	Capture date	Capture locality	Fork length in cm	Weight in kg	Recapture date
41900	Y/Y	10 May	Albion	81.0	4.99	
41901	Y/Y	10 May	Albion	81.5	4.76	
41902	Y/Y	10 May	Albion	78.5	4.54	
41903	Y/Y	10 May	Albion	79.0	3.18	25 Aug.
41904	Y/Y	10 May	Albion	107.0	12.71	
41905	Y/Y	10 May	Albion	112.0	12.71	21 Aug.
41906	Y/Y	10 May	Albion	68.0	2.72	
41907	Y/Y	10 May	Albion	92.0	7.04	
41908	Y/Y	10 May	Albion	121.0	14.07	
41909		NOT USED				
41910	Y/Y	10 May	Albion	97.0	8.63	

Y=yellow

Table 3. Release and recovery data for white sturgeon tagged and recovered in the lower Fraser River in 1985.

Tag no.	Date tagged	Tagging locality	Date recovered	Recovery locality	Recovered by	Fish movement in km	Weight in kg.		Fork length in cm		Total length in cm	
							Release	Recovery	Release	Recovery	Release	Recovery
015	23 Sept.	Duncan Bar	26 Sept.	Duncan Bar (R)	Taggers	None (retagged as no. 118)	-	-	30.5	30.5	-	-
41518	25 June	Nicomen	19 Aug.	Fraser River at Port Hammond near Haney (R)	Commercial fisherman	Downstream about 40 km	0.26	-	37.4	-	43.0	-
41528	25 June	Nicomen	18 July	Nicomen (R)	Taggers	None	0.80	-	48.2	48.2	55.0	55.0
41539	25 June	Nicomen	13 Aug.	Nicomen (R)	Taggers	None	0.35	0.29	36.3	36.7	41.5	42.0
41551	25 June	Nicomen	19 July	Nicomen (R)	Taggers	None	0.19	0.19	29.3	30.0	33.5	34.6
41566	25 June	Nicomen	26 Oct.	Fraser River about 5 km north of Mission bridge (R)	Commercial fisherman	Downstream about 6 km	0.50	-	42.6	-	48.5	-
41567	25 June	Nicomen	19 July	Nicomen (R)	Taggers	None	0.45	0.45	39.9	40.0	45.5	45.8
41570	26 June	Nicomen	19 July	Nicomen (R)	Taggers	None	1.45	1.47	59.9	59.9	65.5	65.8
41576	26 June	Nicomen	21 July	Fraser River opposite Deroche (K)	Sport fisherman	Upstream about 8 km	0.68	-	45.0	-	50.1	-
41702	13 Aug.	Nicomen	30 Aug.	Fraser River off Douglas Island (R)	Commercial fisherman	Downstream about 48 km	0.15	-	28.4	-	32.9	-
41762	27 Aug.	Nicomen	22 Sept.	Fraser River at float plane base, Fort Langley (R)	Commercial fisherman	Downstream about 34 km	0.50	-	41.3	-	47.6	-
41903	10 May	Albion	25 Aug.	Fraser River off Douglas Island (R)	Commercial fisherman	Downstream about 18 km	-	-	79.0	-	-	-
41905	10 May	Albion	21 Aug.	Fraser River at Ridgedale area above Mission bridge (R)	Commercial fisherman	Upstream about 24 km	12.71	-	112.0	-	-	-

R=fish released after recovery; K=fish killed at recovery.

Fig. 1. Petersen disc tag used at 8 tagging sites on the lower Fraser River.

Fig. 2. Tag used at Nicomen Slough, Fraser River.

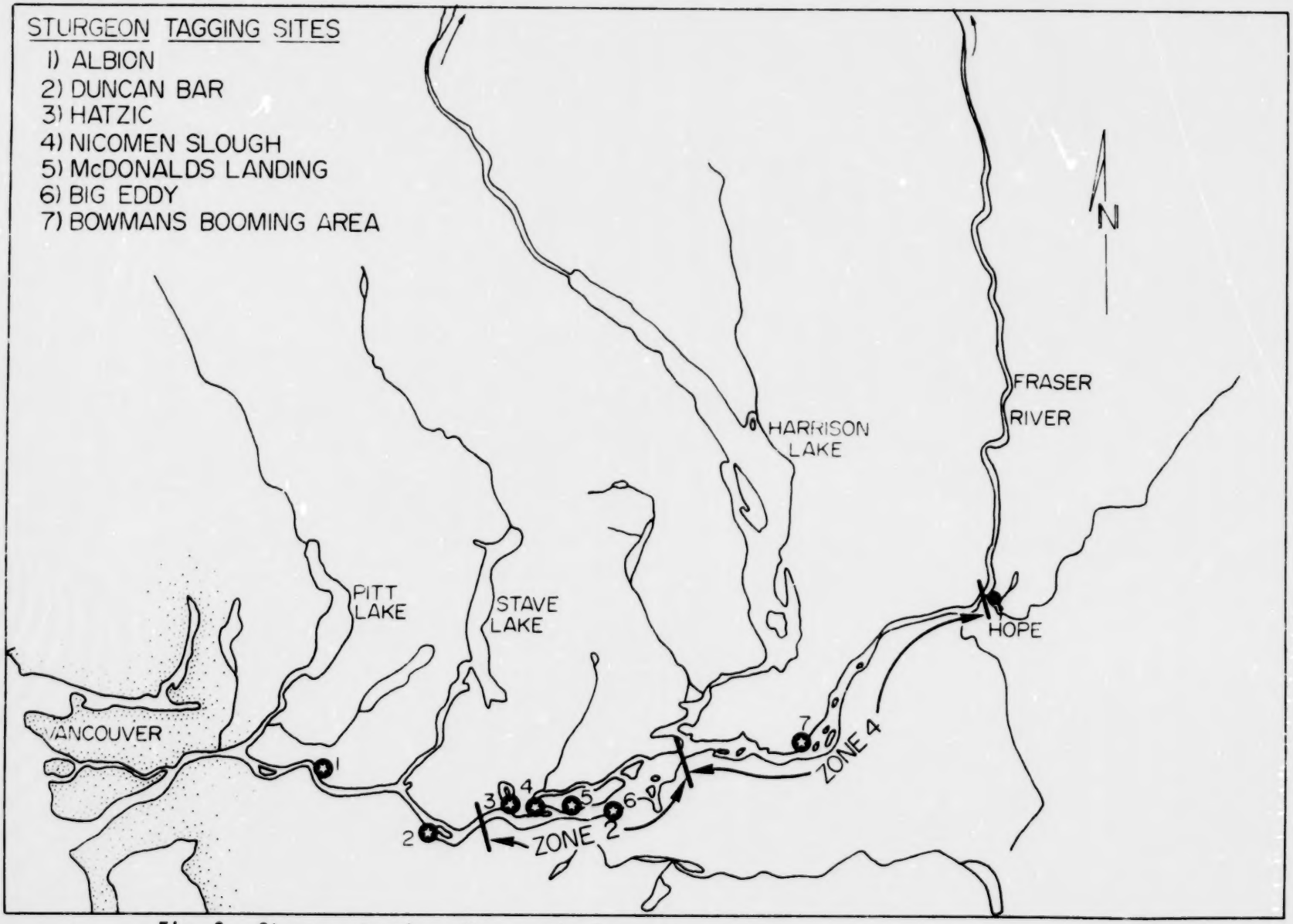

Fig. 3. Sturgeon tagging sites on the lower Fraser River.